

FIG. 1

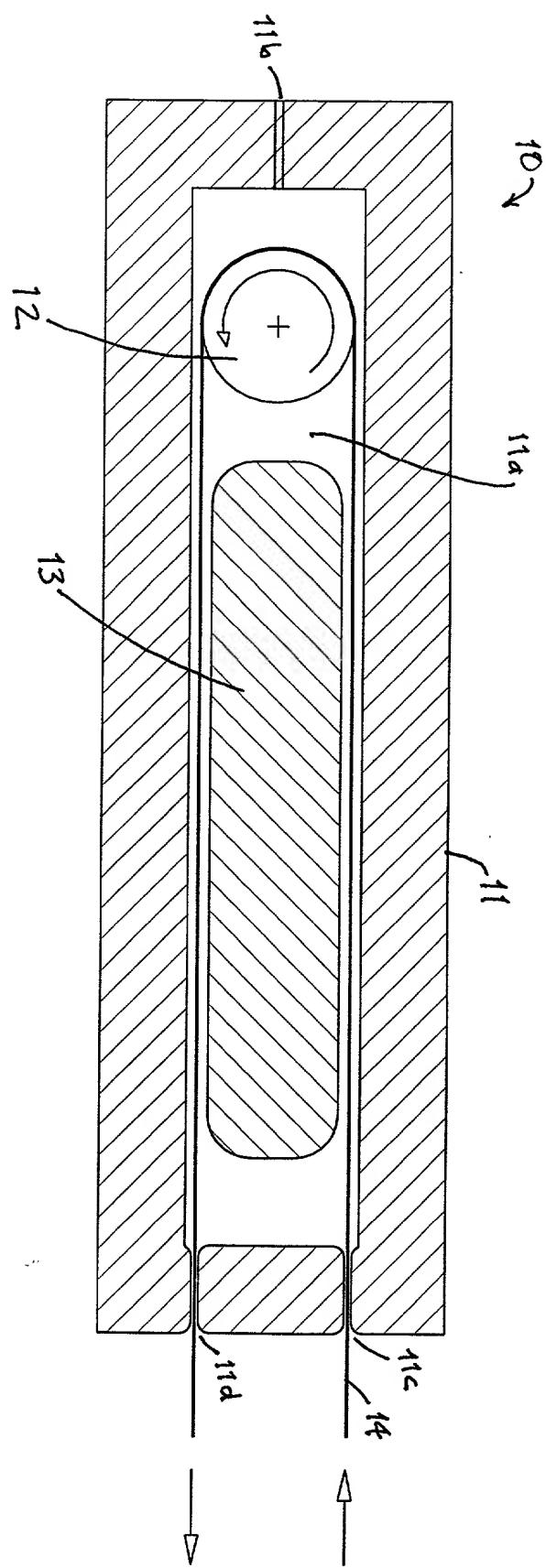
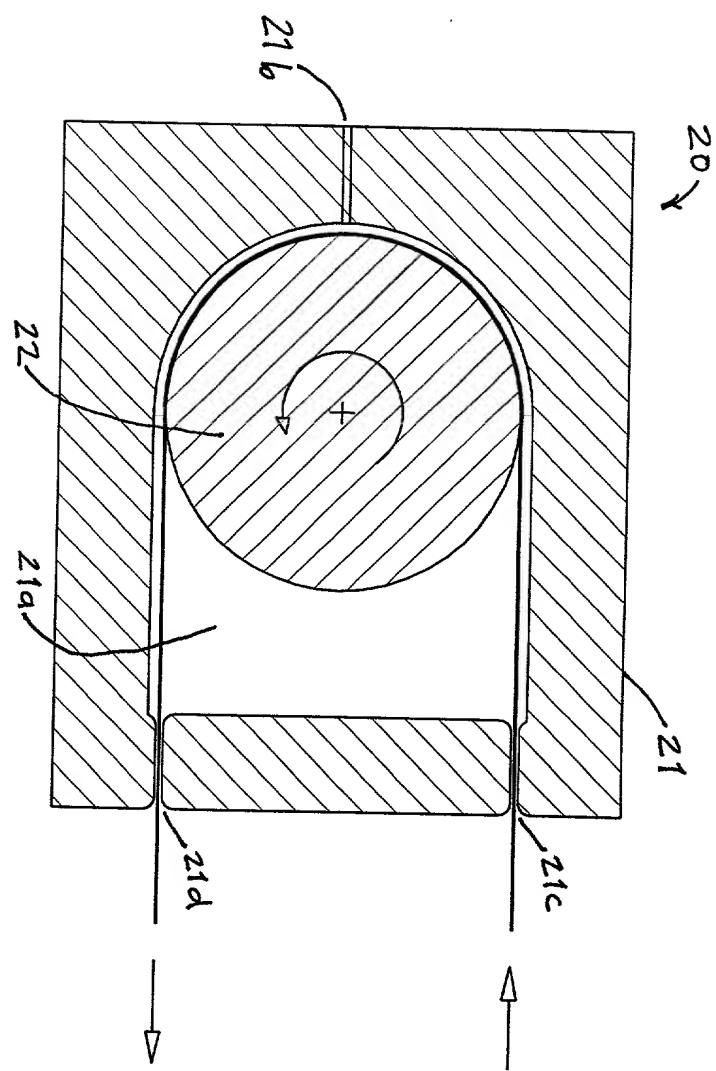


FIG. 2



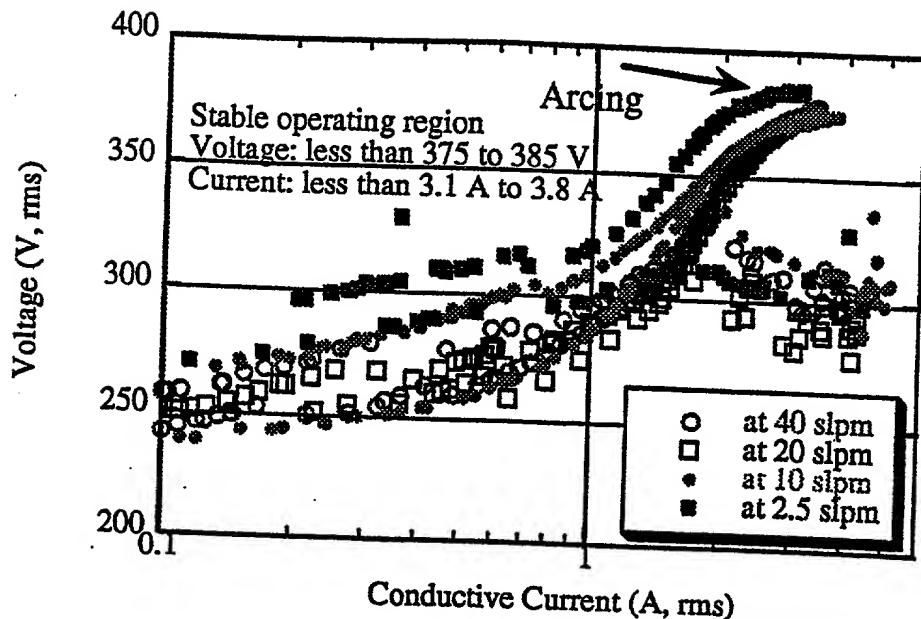


FIG 3A

Stable operating region (voltage and current) of atmospheric-pressure plasma discharge for various gas flow rates from 2.5 slpm to 40 slpm at a gas composition of 98% He and 2% O<sub>2</sub>.

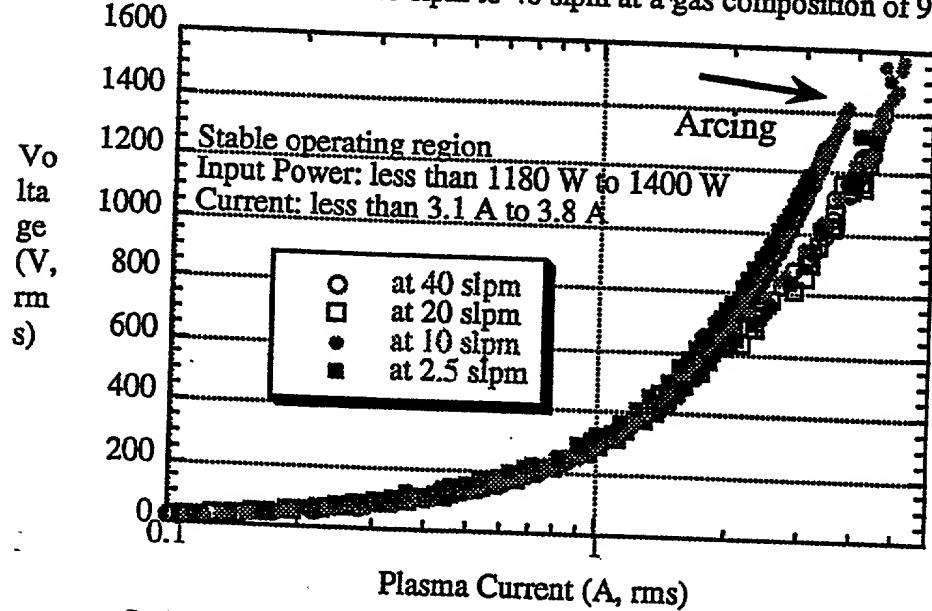


FIG 3B

Stable operating region (input power and current) of atmospheric-pressure plasma discharge for various gas flow rates from 2.5 slpm to 40 slpm at a gas composition of 98% He and 2% O<sub>2</sub>.

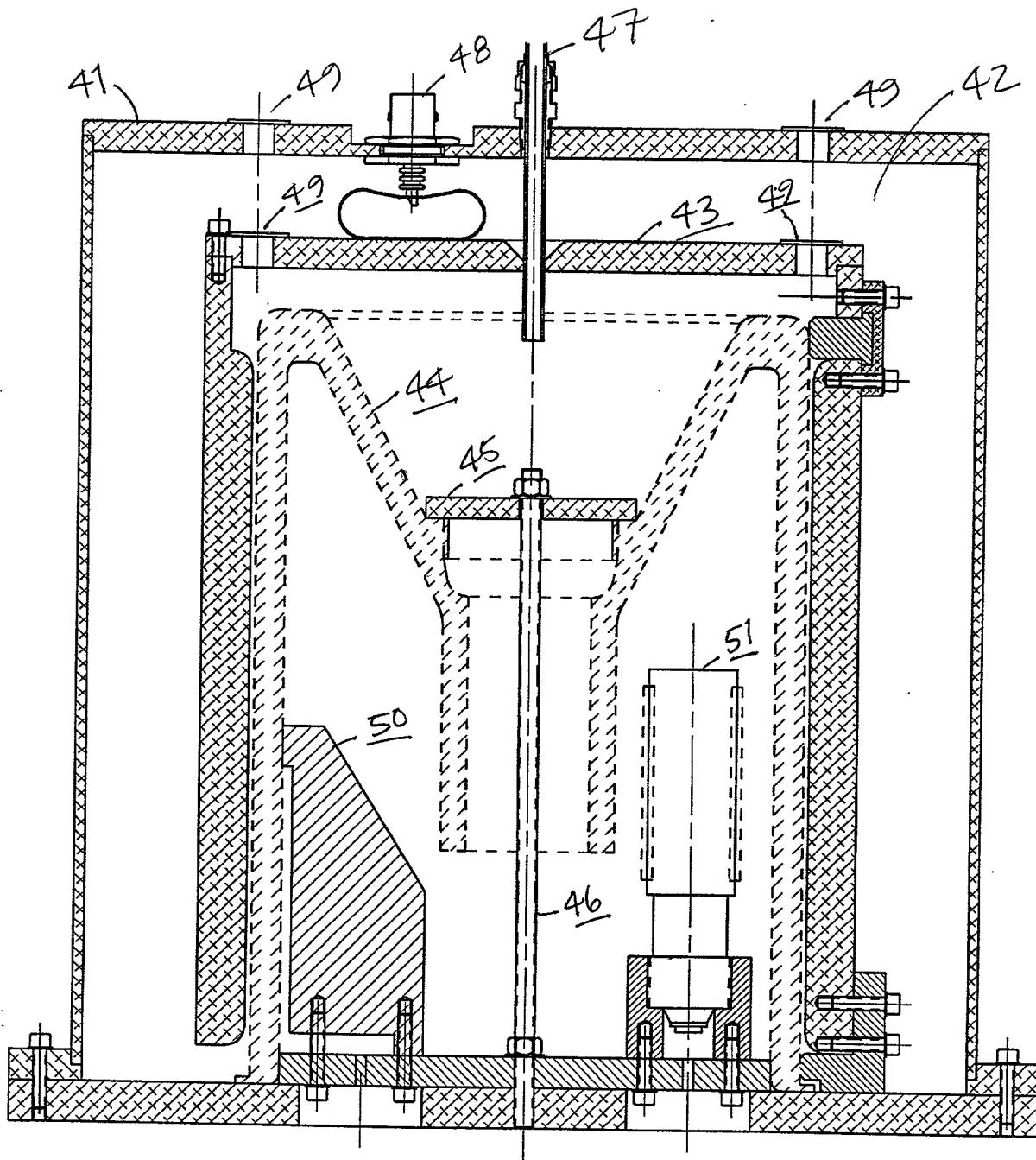


FIG. 4